

## CLAIMS

1. An apparatus for interconnection of electrical conductor cables comprising:
  - (a) an interconnection member adapted to be disposed on a cable clamp;
  - 5 (b) at least one lockable articulated cable contact connector coupled to said interconnection member, said lockable articulated cable contact connector adapted to be fitted to an end of an electrical conductor; and
  - (c) releasable connector mount lock means configurable between a locked configuration wherein said interconnection member and said lockable articulated cable
  - 10 contact connector are maintained in locked position relative to each other and an unlocked configuration permitting relative rotation in three dimensions between said lockable articulated cable contact connector and said interconnection member.
2. The apparatus of claim 1 wherein each said lockable articulated cable contact
- 15 connector is coupled to said interconnection member with a ball fixedly mounted on an end of a smaller dimensioned stud member and a mating socket coupling.
3. The apparatus of claim 2 wherein said lockable articulated cable contact connector forms said mating socket and said interconnection member supports said ball stud member.
- 20 4. The apparatus of claim 3 wherein said socket formed by said lockable articulated cable contact connector comprises:
  - (a) a circular opening formed in said lockable articulated cable contact connector dimensioned to receive the ball of said ball stud member; and
  - 25 (b) a slot formed in said lockable articulated cable contact connector extending along a side and toward and along an end of said lockable articulated cable contact connector, the slot dimensioned to slidably receive the stud of said ball stud member and too small to permit passage of the ball of said ball stud member therethrough.
- 30 5. The apparatus of claim 2 wherein said releasable connector mount lock means comprises a threaded rod and a mating threaded bore formed in said lockable articulated

cable contact connector extending from an end of said lockable articulated cable contact connector to said socket.

6. The apparatus of claim 2 wherein each said ball fixedly mounted on an end of a  
5 smaller dimensioned stud member is integrally formed with said interconnection member.

7. The apparatus of claim 2 wherein each said stud member threadingly receivable in said interconnection member.

10 8. The apparatus of claim 6 further including nut means provided on said stud member.

9. The apparatus of claim 8 wherein said nut means is integrally formed on said stud member.

15 10. The apparatus of claim 8 wherein said nut means is threadingly engagable to said stud member.

11. The apparatus of claim 7 further including nut means provided on said stud member.

20 12. The apparatus of claim 11 wherein said nut means is integrally formed on said stud member.

13. The apparatus of claim 11 wherein said nut means is threadingly engagable to said stud member.